

EXPLANATION

for

Geologic Map and Structure Map

PLATE 2

U.S. Geological Survey
OPEN FILE REPORT

This illustration is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

PLATE 2 STRUCTURAL ELEMENTS

Geologic contact dashed where approximate, inferred or gradational

Foliation - Schistosity, relict bedding where parallel to schistosity, metamorphic layering in older igneous rocks

30

Flow layering in intrusive igneous rocks

45

Catastrophic foliation

80

Slip or fracture cleavage of indeterminate age

77

Axial planes of F_1 folds

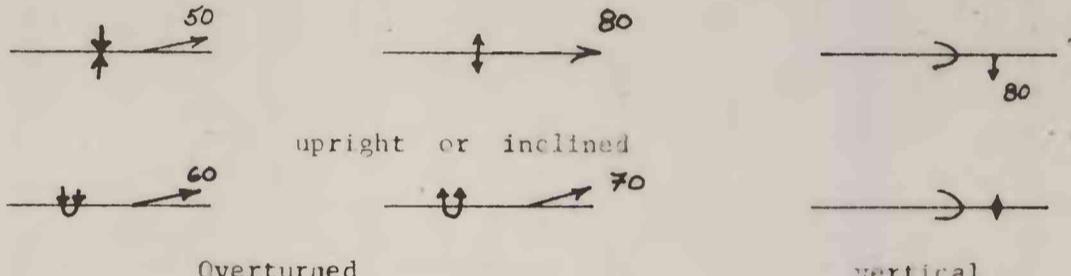
50

Axial planes of F_2 folds

70

Axial planes of F_4 folds

50



Trace of axial planes of F_2 folds with bearing and plunge of F_2 fold axes

LINEAR STRUCTURAL ELEMENTS

F_2 fold axes

45

F_4 fold axes

30

F_5 fold axes

70

Mineral streaking lineation of indeterminate age

10

Streaking lineation due to cataclastic deformation

40

Slickensides

FAULTS

Where no specific age is assigned:
Location definite, approximate, inferred, concealed

Laramide age indicated by:

L L

Precambrian age indicated by:

M M

Large shear zones showing rock types involved in shearing:



Predominantly metasedimentary rocks now faser and augen gneisses with variable amounts of ultramylonite and blastomylonite.



Predominantly igneous rocks now faser and augen gneisses with variable amounts of ultramylonite and blastomylonite.

Quaternary

Tertiary

Precambrian

Qal Alluvium
Qtg Low level terrace gravels
Qls Landslide debris

Trp Rhyolite porphyry
Tlg Quartz latite porphyry dikes
Tap Aphanitic felsite dikes

Miocene-Pliocene (?)

High level gravels

Relative age within group unknown

Relative age within